

Abstract of the Disclosure

5       A method for making magnetic random access memories  
an MRAM) which reduces heat conduction from memory cells in  
an MRAM array. The method uses grid of bit and word lines  
for selectively accessing data in the array of magnetic  
memory cells. The grid has a plurality of thermally and  
electrically resistive portions which provide connections  
10 to the magnetic memory cells. The resistive portions  
increase the thermal resistance for heat generated by each  
memory cell and during operation provide localized heating  
of active memory cells to ease cell state switching.